

~~On~~ page 1, line 3, please delete "mammal" and substitute -- mammalian -- therefor.

~~On~~ page 1, between lines 3 and 4, please insert the heading -/- BACKGROUND OF THE INVENTION --.

~~On~~ page 1, line 14, please delete "below".

~~On~~ page 1, line 15, please delete "the following Scheme 1" and substitute -- Figure 5 -- therefor.

~~On~~ page 1 lines 16-31, please delete "Scheme 1" and the accompanying Figure.

~~On~~ page 2, line 2, please insert a comma after "that".

~~On~~ page 2, line 3, please insert a comma after "complex".

~~On~~ page 2, line 4, please delete "i e" and substitute -- i.e., -- therefor.

~~On~~ page 2, line 5, please delete "Factor" and substitute -- Factors -- therefor.

~~On~~ page 2, line 5, please delete "loc. cit." and substitute -- supra -- therefor.

~~On~~ page 2, line 6, please delete "related proteins" and substitute -- Related Proteins -- therefor.

~~On~~ page 2, line 11, please delete both occurrences of "loc. cit." and substitute -- supra -- therefor.

~~On~~ page 2, line 15, please delete "i e" and substitute -- i.e., --.

~~On~~ page 2, line 16, please insert a comma after "Accordingly".

~~On~~ page 2, line 20, please insert a comma after "conditions".

~~On~~ page 3, line 3, please delete "et al" and substitute -- et al. -- therefor.

~~On~~ page 3, line 4, please delete "et al" and substitute -- et al. -- therefor.

~~On~~ page 3, line 5, please delete "defect" and substitute -- defective -- therefor.

~~On~~ page 3, line 6, please delete "et al" and substitute -- et al. -- therefor.

~~On~~ page 3, line 6, please delete "Thromb Haemost" and substitute -- Thromb. Haemost. - - therefor.

On page 3, lines 7-8, please delete "which is a reference published after the earliest priority date claimed for the present application,".

On page 3, line 9, please delete "being".

On page 3, line 10, please delete "for" and substitute -- to -- therefor.

On page 3, line 13, please delete "i e" and substitute -- i.e., -- therefor.

On page 3, line 13, please delete "for" and substitute -- to -- therefor.

On page 3, line 19, please delete "a" appearing before "APC-resistant" and substitute -- an -- therefor.

On page 3, after line 20, please insert the following: --

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 illustrates chromatography on Q-Sepharose (A) and Sephacryl S-300 (B) of Factor V and APC-cofactor 2 activity.

Figure 2 illustrates the results from characterization of isolated APC-cofactor 2 activity/Factor V on SDS-PAGE, Western blotting, and agarose gel electrophoresis.

Figure 3 illustrates co-purification of APC-cofactor 2 activity and Factor V on monoclonal antibody affinity chromatography.

Figure 4 illustrates correction of APC-resistance by purified APC-cofactor 2 activity/Factor V.

Figure 5 illustrates the elements and interactions of the human blood coagulation system. --

DETAILED DESCRIPTION OF THE INVENTION --

On page 3, line 25, please delete "et al" and substitute -- et al. -- therefor.

On page 3, line 31, please delete "factor V" and substitute -- Factor V -- therefor.

On page 4, line 10, please delete "the above-mentioned".

On page 4, line 10, please delete "with a priority date of 13 NOV 1991, US being one of the designated states; the disclosure of said reference is".

On page 4, line 12, please delete "et al" and substitute -- et al. -- therefor.

On page 4, line 12, please delete “Thromb Haemost” and substitute -- Thromb. Haemost. -- therefor.

On page 4, line 13, please insert a comma after “thrombosis”.

On page 4, line 14, please delete “30-40 %” and substitute -- 30-40% -- therefor.

On page 4, line 15, please delete “Thromb Haemostas” and substitute -- Thromb. Haemost. -- therefor.

On page 4, line 16, please insert a comma after “found”.

On page 4, line 16, please insert a comma after “invention”.

On page 4, line 21, please delete “the said” and substitute -- this -- therefor.

On page 4, line 25, please insert a comma after “APC”.

On page 4, line 27, after “some”, please insert -- other --.

On page 4, line 28, please delete “animals” and substitute -- animal -- therefor.

On page 4, line 31, please delete “it” and substitute -- Factor V -- therefor.

On page 5, line 1, please delete “i e” and substitute -- i.e., -- therefor.

On page 5, line 2, after “Factor V”, please insert -- (FV_a) --.

On page 5, line 4, after “thrombin,” please insert -- in which --.

On page 5, line 4, please delete “being” and substitute -- are -- therefor.

On page 5, line 4, please insert a comma after “cleaved”.

On page 5, line 12, please delete “said” and substitute --the --.

On page 5, line 13, please delete “said”.

On page 5, line 14, please insert a comma after “Factor V”.

On page 5, line 14, after “Factor V,” please insert -- and --.

On page 5, line 15, please insert a comma after “activity”.

On page 5, line 16, please insert a comma after “invention”.

On page 5, line 18, please delete “said complex of” and substitute -- a -- therefor.

On page 5, line 18, after “Factor V”, please insert -- complex --.

On page 5, line 24, after “by”, please insert -- an --.

On page 5, line 24, after “during”, please insert -- the --.

On page 5, line 28, please insert a comma after “Although”.

On page 5, line 29, please insert a comma after “convenience”.

On page 5, line 29, please delete “species related” and substitute -- described by species of origin --.

On page 5, line 30, please insert a comma after “description”.

On page 5, line 30, please delete “of human origin”.

On page 5, line 30, after “preferably”, please insert -- of human origin --.

On page 5, line 30, please delete “intended”.

On page 6, line 1, please insert a comma after “disclosure”.

On page 6, line 2, please delete “is” and substitute -- are -- therefor.

On page 6, line 3, please insert a comma after “described”.

On page 6, line 4, please delete “evidences” and substitute -- evidence -- therefor.

On page 6, line 5, please delete “on” and substitute -- of -- therefor.

On page 6, line 5, please delete “are” and substitute -- is -- therefor.

On page 6, line 7, before “isolation”, please insert -- the --.

On page 6, line 7, please insert a comma after “SDS-PAGE”.

On page 6, line 9, please insert a comma after “kDa”.

On page 6, line 9, please delete “also”.

On page 6, line 9, after “been”, please insert -- previously --.

On page 6, line 10, please delete “Cf the experimental section of the disclosure” and substitute -- Compare the Examples below -- therefor.

On page 6, line 10, please delete “et al” and substitute -- et al. -- therefor.

On page 6, line 19, please delete “present”.

On page 6, line 20, please insert a comma after “activity”.

On page 6, line 27, after “tested”, please delete the comma and substitute a colon therefor.

On page 6, line 29, please delete “illustrating materials that have been tested”.

On page 7, line 12, please delete “A et al” and substitute -- et al. -- therefor.

On page 7, line 15, after “calcium”, please delete “ion” and substitute -- ions -- therefor.

On page 7, line 18, please delete “has been used as a first” and substitute -- was used in an -- therefor.

On page 7, line 19, please delete “in order”.

On page 7, line 19, after “activity”, please insert -- as was --.

On page 7, line 24, please insert a comma after “e.g.”.

On page 7, line 25, before “ion”, please insert -- and --.

On page 7, line 25, please delete “etc” and substitute -- etc. -- therefor.

On page 7, line 26, after “improvement”, please insert --, to purify the novel activity described herein --.

On page 7, line 31, please delete “its” and substitute -- APC's -- therefor.

On page 8, line 4, please delete “In” and substitute -- By -- therefor.

On page 8, line 5, please delete “with” and substitute -- to -- therefor.

On page 8, line 9, please insert a comma after “i.e.”.

On page 8, line 13, please delete “activity .” and substitute – activity. -- therefor.

On page 8, line 19, after “of”, please insert -- a --.

On page 8, line 19, please delete “animals” and substitute -- animal -- therefor.

On page 8, line 19, after “such as”, please insert -- a --.

On page 8, line 20, please delete “birds” and substitute -- bird -- therefor.

On page 8, line 20, please delete “, e.g. hen, chicken, etc” and substitute -- (e.g., hen, chicken, etc.) -- therefor.

On page 8, line 22, please insert a comma after “e.g.”.

On page 8, line 25, please insert a comma after “e.g.”.

On page 8, line 28, please delete “hybridic” and substitute -- hybrid -- therefor.

On page 8, line 31, please delete “i e” and substitute -- i.e., -- therefor.

On page 9, line 5, please insert a comma after “methods”.

On page 9, line 7, please insert a comma after “Factor V”.

On page 9, line 7, please delete “can be used”.

On page 9, line 9, after “activity”, please insert --, can be used --.

On page 9, line 11, please delete “By using as the immunogen,” and substitute -- Using -- therefor.

On page 9, line 12, after “below)” please insert -- as the immunogen --.

On page 9, line 12, please delete “two step” and substitute -- two-step -- therefor.

On page 9, line 16, please insert a comma after “i.e.”.

On page 9, line 24, please delete “for” and substitute -- of -- therefor.

On page 9, line 24, after “those”, please insert -- antibodies --.

On page 9, line 24, please delete “hybridic” and substitute -- hybrid -- therefor.

On page 9, line 25, please delete “8 DEC 1993” and substitute -- December 8, 1993 -- therefor.

On page 9, line 26, please delete “cell culture” and substitute -- Cell Culture -- therefor.

On page 9, line 28, please insert a comma after “invention”.

On page 9, line 30, please delete “ term ‘antibody (or antibody preparation)’ ” and substitute -- terms “antibody” or “antibody preparation” -- therefor.

On page 9, line 31, please delete “encompasses” and substitute -- encompass -- therefor.

On page 10, line 1, please delete “e g” and substitute -- e.g., -- therefor.

On page 10, line 3, before the second “antibodies” please insert -- and --.

On page 10, line 8, please delete the comma after “antibodies” and substitute a period therefor.

On page 10, line 8, please delete “or are” and substitute -- Such preparations may also be -- therefor.

On page 10, line 15, please delete “XAM -4-5-1” and substitute -- XAM-4-5-1 -- therefor.

On page 10, line 17, please delete the comma after “polyclonal”.

On page 10, line 17, please delete “also”.

On page 10, line 17, please delete the comma after “monoclonal”.

On page 10, line 18, please delete “that” and substitute -- which -- therefor.

On page 10, line 21, please delete “preparation” and substitute -- preparations -- therefor.

On page 10, line 22, please insert a comma after “may”.

On page 10, line 22, please insert a comma after “cases”.

On page 10, line 24, please insert a comma after each of “present” and “e.g.”.

On page 10, line 25, please delete “, that has”.

On page 10, line 25, please delete the comma after “carrier”.

On page 10, line 28, please insert a comma after “may”.

On page 10, line 29, please delete “anti Factor” and substitute -- anti-Factor -- therefor.

On page 11, line 2, please insert a comma after “i.e.”.

On page 11, line 9 please delete “for” and substitute -- to -- therefor.

On page 11, line 19, please delete “per se” and substitute -- by itself -- therefor.

On page 11, line 23, please insert a comma after “infarction”.

On page 11, line 24, please insert a comma after “period” and delete “-” between “period” and “in”.

On page 11, line 24, please delete “risk” and substitute -- high-risk -- therefor.

On page 11, line 28, please delete “intravenously” and substitute -- intravenous -- therefor.

On page 11, line 29, please delete “intraarterially” and substitute -- intra-arterial -- therefor.

On page 11, line 31, please insert a comma after "that".

On page 11, line 31, please delete "it".

On page 11, line 31, please insert a comma after "time".

On page 11, line 31, after "time," please insert -- it --.

On page 12, line 1, after "or", please insert -- the effect --.

On page 12, line 1, please delete "coadministered" and substitute -- co-administered -- therefor.

On page 12, line 3, please delete "for" and substitute -- of -- therefor.

On page 12, line 7, please delete "available" and substitute -- applicable -- therefor.

On page 12, line 26, please insert a comma after "APC".

On page 12, line 28, please delete "are".

On page 12, line 29, please delete "depending" and substitute -- depend -- therefor.

On page 13, line 5, please delete "being comprised of" and substitute -- comprising -- therefor.

On page 13, line 5, after "Factor V," please insert -- wherein --.

On page 13, line 6, please delete the comma after "APC".

On page 13, line 6, please delete "being" and substitute -- is -- therefor.

On page 13, line 7, please delete "for" and substitute -- to -- therefor.

On page 13, line 8, please delete "disorders" and substitute -- disorder -- therefor.

On page 13, line 12, please delete "a found" and substitute -- an observed -- therefor.

On page 13, line 14, please delete the comma after "factor".

On page 13, line 14, please delete "i.e." and substitute -- (i.e., -- therefor.

On page 13, line 15, please delete "2" and substitute -- 2) -- therefor.

On page 13, line 16, please delete "for" and substitute -- to -- therefor.

On page 13, line 17, please insert a comma after "methods".

On page 13, line 24, please insert a comma after "protein S".

On page 13, line 25, please insert a comma after "immune assays".

On page 13, line 25, after "immune assays," please delete "and".

On page 13, line 25, please insert a comma after "hybridization assays".

On page 13, line 25, after "hybridization assays," please insert -- and DNA and RNA sequencing methods --.

On page 13, line 26, please delete ", DNA and RNA sequencing methods".

On page 13, line 27, please delete "The" and substitute -- These -- therefor.

On page 13, line 27, please insert a comma after "assays".

On page 13, line 27, please insert a comma after "such".

On page 13, line 27, please delete the comma after "diagnostics" and substitute a period therefor.

On page 13, line 27, please delete "for instance" and substitute -- For instance, the disclosed assays may be useful in -- therefor.

On page 13, line 29, before "standardising" please insert -- and --.

On page 14, line 2, please delete "WO-A-9102812" and substitute -- WO 91/02812 -- therefor.

On page 14, line 2, please delete "WO-A-9101382" and substitute -- WO 91/01382 -- therefor.

On page 14, lines 2-3, please delete ", the US designation of which is hereby incorporated by reference".

On page 14, line 4, after "(1991) 658).", please insert the following text:

-- The method disclosed in the US designation of WO 93/10261 (U.S. Serial No. 199328, issued on August 25, 1995 as U.S. Patent No. 5,443,960), which has been incorporated by reference, comprises the following steps:

(i) a plasma sample obtained from the individual is incubated with

(a) an exogenous Reagent (I) activating at least partially the blood coagulation system of the sample, and with

(b) activated exogenous Protein C (APC) or exogenous PC together with exogenous Reagents

(II) that transform PC to APC, and

new matter

- (c) further components, such as Ca^{2+} salt and phospholipid or tissue thromboplastin, that are necessary for efficient reaction of the activated factors introduced according to step (i:a), and
- (d) if desired, an exogenous substrate for an enzyme which activity is influenced by activated Protein C;

- (ii) a substrate conversion rate is monitored directly for a blood coagulation enzyme which activity is influenced by activated Protein C,
- (iii) the conversion rate determined in step (ii) is compared with a standard value being obtained from steps (i)-(ii) under identical conditions for plasma of normal individuals.

As taught in U.S. Patent No. 5,443,960, in cases where the substrate conversion rate is not normal compared to the standard, the individual from which the sample derives is classified as suffering from the disorder or being at risk for acquiring the disorder. An increased conversion rate of the sample indicates a thromboembolic disease or a risk for such a disease (with fibrinogen as the substrate an increased conversion rate means a shortened clotting time). The significance of a lowered conversion rate is at the present stage not known (with fibrinogen as the substrate a lowered conversion rate means a prolonged clotting time). Probably it is not related to any disease. The range of the normal conversion rate may be quite broad. Hence, it might, as a complement, be of value to run steps (i)-(ii) on a plasma sample from the individual with exclusion of the incubation according to (i:b) and compare the result obtained with that obtained. --

On page 14, line 4, please delete "Thus," and substitute -In accordance with the present invention, -- therefor.

On page 14, line 13, please insert a comma after "activity".

On page 14, line 13, please delete the comma after "Protein S".

On page 14, line 14, please insert a comma after "activity".

On page 14, line 16, please insert a comma after "Protein S activity".

On page 14, line 18, please insert a comma after "activity".

On page 14, lines 21-22, please delete "also in the preferred variants".

On page 14, line 23, please insert a comma after "inhibitor to Protein S".

On page 14, line 25, please insert a comma after "i.e.".

On page 15, line 2, after “determined”, please delete the semi colon and substitute a period therefor.

On page 15, line 2, please delete “in which” and substitute -- In this -- therefor.

On page 15, line 3, after “substances”, please insert -- selected from APC, Protein S or a Protein S inhibitor, and Factor V having anticoagulant activity or an inhibitor to said activity --.

On page 15, lines 3-5, please delete “said substance(s) being selected from APC, Protein S or a Protein S inhibitor, and Factor V having anticoagulant activity or an inhibitor to said activity”.

On page 15, line 6, after “substances”, please insert -- (i.e., --.

On page 15, line 6, after “cofactor 2”, please insert --) --.

On page 15, line 7, please delete the first “activity”.

On page 15, line 8, please delete the comma after “determined”.

On page 15, line 8, after “determined,” please insert -- (e.g., -- .

On page 15, line 8, please delete “said”.

On page 15, line 9, please insert a closing parenthesis after “APC”.

On page 15, line 16, please insert a comma after “i.e.”.

On page 15, line 18, please insert a comma after “samples”.

On page 15, line 30, please delete “main idea behind” and substitute -- purpose of -- therefor.

On page 15, line 31, please delete “interrun” and substitute -- inter-run -- therefor.

On page 16, line 1, please insert a comma after “indicated”.

On page 16, line 3, please delete “e.g.” and substitute -- for example -- therefor.

On page 16, line 4, please delete “epitope” and substitute -- epitopes -- therefor.

On page 16, line 7, please delete “assayingAPC-cofactor” and substitute -- assaying APC-cofactor -- therefor.

On page 16, line 15, please delete “This also includes that” and substitute -- Thus, -- therefor.

On page 16, line 15, after “by”, please insert -- addition of --.

On page 16, line 27, please insert a comma after "activity".

On page 16, line 28, please insert a comma after "Alternatively".

On page 16, line 29, please delete "pro-" and substitute -- procoagulant -- therefor.

On page 16, line 30, please delete the first "in" and substitute -- as -- therefor.

On page 17, line 3, please insert a comma after "Furthermore".

On page 17, line 12, please delete "vitamin K dependent" and substitute -- vitamin K-dependent -- therefor.

On page 17, line 13, please delete "vitamin K dependent" and substitute -- vitamin K-dependent -- therefor.

On page 17, line 17, after "in", please insert -- the --.

On page 17, line 19, please delete "et al" and substitute -- et al. -- therefor.

On page 17, line 19, please delete "Thrombos Hemostas" and substitute -- Thromb. Haemost. -- therefor.

On page 17, line 23, please delete "on" and substitute -- with -- therefor.

On page 17, line 24, please insert a comma after "above".

On page 17, line 25, please insert a comma after "PC/APC".

On page 17, line 25, please delete the first "or".

On page 17, line 25, please insert a comma after "Protein S".

On page 17, line 26, please insert a comma after "e.g.".

On page 17, line 30, please insert a comma after "e.g.".

On page 18, line 2, please delete "be comprised of" and substitute -- comprise -- therefor.

On page 18, lines 4-5, please delete "be comprised of" and substitute -- comprise -- therefor.

On page 18, line 9, please delete "Thromboplastine" and substitute -- Thromboplastin -- therefor.

On page 18, line 10, please insert a comma after "i.e.".

On page 18, line 13, please delete the comma after "components".

On page 18, line 15, after “or”, please insert -- the inclusion --.

On page 18, line 16, please insert a comma after “i.e.”.

On page 18, lines 19-20, please delete “be comprised of” and substitute -- comprise -- therefor.

On page 18, line 20, please delete the period after “enzyme” and substitute a comma therefor.

On page 18, line 21, please delete “e.g.” and substitute -- for example -- therefor.

On page 18, line 21, please delete “=”.

On page 18, line 22, please delete “have preferably” and substitute -- preferably have -- therefor.

On page 18, line 23, please delete “terminal” and substitute -- terminus -- therefor.

On page 18, line 25, after “D-amino acid,” please delete “in” and substitute -- at -- therefor.

On page 18, line 25, please delete “terminal” and substitute -- terminus -- therefor.

On page 18, line 26, please insert a comma after “response”.

On page 18, line 26, please delete “carboxi terminal” and substitute -- carboxy terminus - - therefor.

On page 18, lines 30-31, please delete “synthetic substrates for the coagulation and fibrinolytic system” and substitute -- Synthetic Substrates for the Coagulation and Fibrinolytic System -- therefor.

On page 19, line 1, please delete “et al” and substitute -- et al. -- therefor.

On page 19, line 1, please delete “peptide substrates in hemostatic testing” and substitute -- Peptide Substrates in Hemostatic Testing -- therefor.

On page 19, line 2, after the second “in”, please insert -- the --.

On page 19, line 3, please insert a comma after “plasma samples”.

On page 19, line 8, please delete “10 %” and substitute -- 10% -- therefor.

On page 19, line 8, please delete “20 %” and substitute -- 20% -- therefor.

On page 19, line 8, please delete “35 %” and substitute -- 35% -- therefor.

On page 19, line 9, please delete “i.e.” and substitute -- that is, -- therefor.

On page 19, line 9, please delete “10 %” and substitute -- 10% -- therefor.

On page 19, line 13, please delete “. Such assays mean that” and substitute --, wherein -- therefor.

On page 19, lines 18-19, please delete “of B and C” and substitute -- described herein -- therefor.

On page 19, line 24, please insert a comma after “reagent”.

On page 19, line 24, please delete the first “or” and substitute -- a -- therefor.

On page 19, line 24, after the second “or”, please insert -- a --.

On page 19, line 27, please insert -- and -- before “optionally”.

On page 20, line 3, please insert -- the -- before “presence”.

On page 20, line 4, please insert -- the -- before “presence”.

On page 20, line 7, please delete “assays” and substitute -- Assays -- therefor.

On page 20, line 8, please delete “obtained just prior to the filing of this patent specification”.

On page 20, line 12, please insert -- a -- before “mutation”.

On page 20, line 12, please delete “a” before “conclusive”.

On page 20, line 13, please insert a comma after “assays”.

On page 20, line 15, please delete “evidents” and substitute -- events -- therefor.

On page 20, line 15, please delete “type” and substitute -- types -- therefor.

On page 20, line 16, please insert a comma after “individual”.

On page 20, line 21, after “for” please insert -- the --.

On page 20, line 21, please insert a comma after “and”.

On page 20, line 21, please insert a comma after “optionally”.

On page 20, line 22, after “for” please insert -- a --.

On page 21, line 1, please delete “similar”.

On page 21, line 1, please delete “as” and substitute -- similar -- therefor.

On page 21, please delete lines 4-14.

On page 21, please delete “MATERIALS AND METHODS” and substitute the heading -
- EXAMPLES -- therefor.

On page 21, line 16, please delete “activity” and substitute -- Activity -- therefor.

On page 21, line 24, please delete “will be”.

On page 21, line 29, please delete “0,05” and substitute -- 0.05 -- therefor.

On page 21, line 30, after “(BSA)),” please insert -- and --.

On page 21, line 30, please delete “being” and substitute -- was --.

On page 22, line 1, please delete “Suitably, each sample is” and substitute -- Each sample
was -- therefor.

On page 22, line 12, please delete both occurrences of “factor” and substitute -- Factor --
for each.

On page 22, line 14, after “both”, please insert -- the --.

On page 22, line 17, please delete “. immunological and other methods” and substitute --,
Immunological and Other Methods -- therefor.

On page 22, line 17, please delete “5-15 %” and substitute -- 5-15% -- therefor.

On page 22, line 18, please delete “electroforesis” and substitute -- electrophoresis --
therefor.

On page 22, line 20, please delete “Chem:” and substitute -- Chem. -- therefor.

On page 23, line 2, please delete “Example 1.”.

On page 23, line 7, please delete “phenyl methane sulfonyl” and substitute --
phenylmethanesulfonyl -- therefor.

On page 23, line 8, please delete “Soy” and substitute -- soy -- therefor.

On page 23, line 13, please delete “8 %” and substitute -- 8% --.

On page 23, line 14, please delete both occurrences of “8 %” and substitute -- 8% -- for each.

On page 23, line 16, please insert -- and -- after “Sweden)”.

On page 23, line 18, please delete “h” and substitute -- hr -- therefor.

On page 23, line 20, please delete “0.1 %” and substitute -- 0.1% -- therefor.

On page 23, line 22, please delete “absorbed” and substitute -- adsorbed -- therefor.

On page 23, line 26, please delete “Fig” and substitute -- FIG. -- therefor.

On page 23, line 28, please delete “70 %” and substitute -- 70% -- therefor.

On page 24, line 1, after “Pharmacia”, please insert --, Uppsala Sweden --.

On page 24, line 4, please delete “Fig” and substitute -- FIG. -- therefor.

On page 24, line 6, please delete “Example 2: ”.

On page 24, line 6, please delete “chromatography using monoclonal antibodies” and substitute -- Chromatography Using Monoclonal Antibodies -- therefor.

On page 24, line 7, please delete “in Example 1” and substitute -- as described above -- therefor.

On page 24, line 10, please delete “antiboy” and substitute -- antibody -- therefor.

On page 24, line 10, please delete “and obtained in example 3”.

On page 24, line 13, please delete “diethanolamin” and substitute -- diethanolamine -- therefor.

On page 24, line 20, please delete “Example 3. ”.

On page 24, line 20, please delete “monoclonal antibodies” and substitute -- Monoclonal Antibodies -- therefor.

On page 24, line 21, please delete “from Example 1”.

On page 24, line 21, please delete “i e” and substitute -- i.e., -- therefor.

On page 24, line 21, please insert a comma after “(APC-cofactor 2)”.

On page 24, line 25, please delete “loc. cit.” and substitute -- supra -- therefor.

On page 24, line 28, please delete “hybridic” and substitute -- hybrid -- therefor.

On page 24, line 30, please delete “hybridic” and substitute -- hybrid -- therefor.

On page 25, line 2, please delete “in a manner known per se” and substitute -- by standard methods -- therefor.

On page 25, line 3, please delete “Hybridic” and substitute -- Hybrid -- therefor.

On page 25, line 3, please delete “i e” and substitute -- i.e., -- therefor.

On page 25, line 10, please delete “viz” and substitute -- namely, -- therefor.

On page 25, line 10, please delete “comprised of” and substitute -- comprising -- therefor.

On page 25, line 13, please delete “in accordance with Example 2” and substitute -- as described above -- therefor.

On page 25, line 14, please delete “Example 4”. In this example, the Mab’s prepared in Example 3” and substitute -- The Mab’s described above --.

On page 25, line 19, please insert a comma after “analysis”.

On page 25, line 30, please delete “et al” and substitute -- et al. -- therefor.

On page 25, line 31, please delete “did not affect” and substitute -- either had no effect on -- therefor.

On page 25, line 31, please delete “APT” and substitute -- APTT -- therefor.

On page 25, line 31, please delete “i e” and substitute -- i.e., -- therefor.

On page 26, line 1, please insert a comma after “time”.

On page 26, lines 1-2, please delete “at all, or only moderately” and substitute -- or had only a moderate effect -- therefor.

On page 26, line 2, please delete “a” and substitute -- with -- therefor.

On page 26, line 2, please delete “time” and substitute -- times -- therefor.

On page 26, lines 13-14, please delete “Fig 1-4 (A,B). More specifically,” and substitute -- the Figures. -- therefor.

On page 26, line 15, please delete “Fig” and substitute -- FIG. -- therefor.

On page 26, line 22, please delete “Fig” and substitute -- FIG. -- therefor.

On page 26, line 24, please delete “obtained in Example 1”.

On page 26, line 27, please delete “obtained in Example 3”.

On page 27, line 3, please delete “staines” and substitute -- stains -- therefor.

On page 27, line 8, please delete “Fig” and substitute -- FIG. -- therefor.

On page 27, line 18, please delete “Fig” and substitute -- FIG. -- therefor.

On page 27, line 28, please delete “absorption” and substitute -- adsorption -- therefor.

On page 27, line 29, please delete the second “proteins” and substitute -- Protein -- therefor.

On page 27, line 29, please insert -- Protein -- before “S”.

On page 27, line 31, please delete “8 %” and substitute -- 8% -- therefor.

On page 28, line 1, please delete “0-8 %” and substitute -- 0-8% -- therefor.

On page 28, line 2, please delete “8 %” and substitute -- 8% -- therefor.

On page 28, line 4, please delete “gelfiltration” and substitute -- gel filtration -- therefor.

On page 28, line 5, after “procedure”, please delete “of” and substitute -- for -- therefor.

On page 28, line 13, please delete “agglutinine” and substitute -- agglutinin -- therefor.

On page 28, line 15, please delete the comma after “support”.

On page 28, line 18, please delete “Fig” and substitute -- FIG. -- therefor.

On page 28, line 20 please delete “Fig” and substitute -- FIG. -- therefor.

On page 29, line 2, please insert a comma after “lost”.

On page 29, line 5, please delete “Fig” and substitute -- FIG. -- therefor.

On page 29, line 14, please delete “in Example 3 in” and substitute --, as described above, for -- therefor.

On page 29, line 17, please delete “Fig” and substitute -- FIG. -- therefor.

On page 29, line 21, please delete “Fig” and substitute -- FIG. -- therefor.

On page 30, lines 14-15, please delete “in the section Material and Methods” and substitute -- above -- therefor.

On page 30, line 16, please delete “Example 5.”.

On page 30, line 19, please insert a comma after "Thus".

On page 31, line 11, please delete "chromphore" and substitute -- chromophore -- therefor.

On page 32, please delete the table and substitute the following table therefor:

R-Mixture	Protein S, conc. in stage II, $\mu\text{g/mL}$	A 405	Effect of APC-Cofactor 2 activity on APC activity expressed as $\Delta 405$
A	0.125	0.678	
B	0.125	0.623	
C	0.125	0.509	-0.114 (C-B)
D	0.625	0.559	
E	0.625	0.389	-0.170 (E-D)

On page 32, line 12, please insert a comma after "Thus".

On page 32, line 13, please insert a comma after "Protein S".

On page 32, line 14, please insert a comma after "i.e.".

On page 32, line 15, please delete "Example 2.".

On page 33, line 7, please delete "with".

On page 33, line 8, please delete "and also with" and substitute -- as well as -- therefor.

On page 33, please delete the table and substitute the following table therefor:

R- Mixture	Concentration of PC in stage I, $\mu\text{g/mL}$	Clotting time, s	Prolongation of APC activity due to APC-Cofactor 2, s Δ
A	0	42.3 \pm 0.7 (n=5)	
B	0.2	62.7 \pm 1.2 (n=5)	
C	0.2	71.4 \pm 1.6 (n=3)	8.7
D	0.4	79.3 \pm 2.9 (n=5)	
E	0.4	104.5 \pm 8.6 (n=3)	25.2
F	0	45.9	

On page 33, line 23, please delete "shows" and substitute -- show -- therefor.

On page 33, line 25, please delete "per se".